MATH 1090 - SUMMER 2007 - ASSIGNMENT #10

Systems of linear equations - continued

(1) Show that the following systems of equations don't have any solutions:

$$A\begin{cases} x+y &= 5 \\ -x-y &= 3 \end{cases} \qquad B\begin{cases} 3x+2y &= 9 \\ 6x+4y &= 15 \end{cases}$$

$$C\begin{cases} x+2y+z &= 1 \\ x-y+2z &= 2 \\ 2x+y+3z &= 4 \end{cases}$$